Anthology’s Trustworthy AI Framework

- **Fairness:** Minimizing harmful bias in AI systems
- **Reliability:** Taking measures to ensure the output of AI systems is valid and reliable
- **Humans in Control:** Ensuring humans ultimately make decisions that have legal or otherwise significant impact
- **Transparency and Explainability:** Explaining to users when AI systems are used, how the AI systems work, and how to interpret and appropriately use the output of the AI systems
- **Privacy, Security and Safety:** AI systems should be secure, safe, and privacy friendly
- **Value alignment:** AI systems should be aligned to human values, in particular those of our clients and users
- **Accountability:** Ensuring there is clear accountability regarding the trustworthy use of AI systems within Anthology
Overview of Blackboard AI Design Assistant

• Built on Microsoft Azure OpenAI as the foundational large language model, tuned to be better suited for academic purposes
  • Utilizes GPT-3.5, GPT-4, ChatGPT, and DALL-E 3

• Incorporates additional information from the course context, content, and prompts provided by the instructor

• All AI-generated items must be reviewed and accepted by the instructor before being incorporated in the course

• Institutional content is NEVER used to train the AI models
AI Design Assistant Capabilities

- Recommend images from Unsplash based on auto-generated keywords
- Generate new images for learning modules
- Propose test questions
- Generate an assignment rubric
- Suggest learning modules to build a course structure
Demonstration
Demonstration Outline

• In ARTD 101:
  • Find a course banner
  • Generate a module image
  • Create test questions from a Document
  • Add questions to a test
  • Create a rubric

• In HIST 270:
  • Generate modules
Improving Results

Context
Add content to Document or Assignment before generating questions and rubrics

Description
Include extensive text like objectives, instructions, or a few sentences to paragraphs of content

Complexity
Increase the complexity for more advanced results

1. Early primary, Grades K-2
2. Late primary, Grades 3-5
3. Early middle school, Grades 6-7
4. Late middle school, grades 8-9
5. Early high school, Grades 10-11
6. Late high school, Grade 12/AP
7. Undergraduate, Lower Division
8. Undergraduate, Upper Division
9. Graduate Level
10. Advanced Graduate Level
Feedback
Discussion Questions

• What do you like about the Blackboard AI Design Assistant? Which of the features would you use?

• What concerns do you have about the Blackboard AI Design Assistant?

• Should we enable it for all faculty?

• What other teaching workflows would you like AI to assist with in Blackboard?
Try It Out

• Currently enabled on our test server: niu-saastest.blackboard.com

• Future focus groups and feedback opportunities

• Share your feedback with me at srichter@niu.edu
Questions